

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A film consisting of a polymer composition comprising a polymer having a glass transition temperature of 120°C to 400°C as a simple substance of the polymer and an organic modified layered silicate having a decomposition starting temperature of 250°C to 350°C,

wherein the polymer is selected from the group consisting of polycarbonates, cycloolefin polymers, polyalylates, polyether sulphones and olefin metathesis polymers, and

the organic modified layered silicate is contained in the polymer,

with the proviso that when the polymer is a polycarbonate, the organic modified layered silicate contains a tetraalkylphosphonium compound or a quaternary salt of a nitrogen-containing heterocyclic compound.

2. (previously presented): The film according to claim 1, wherein the polymer has a glass transition temperature of 160°C to 300°C.

3. (previously presented): The film according to claim 1, wherein the polymer has a glass transition temperature of 180°C to 250°C.

Claim 4. (canceled).

5. (previously presented): The film according to claim 1, wherein the polymer is an olefin metathesis polymer.

6. (previously presented): The film according to claim 5, wherein the olefin metathesis polymer is prepared by olefin metathesis reaction of a norbornene type monomer.

7. (previously presented): The film according to claim 5, wherein the olefin metathesis polymer is prepared by olefin metathesis reaction of a monocyclic cycloolefin type monomer.

Claim 8. (canceled).

9. (previously presented): The film according to claim 1, wherein the organic modified layered silicate has a decomposition starting temperature of 250°C to 300°C.

10. (previously presented): The film according to claim 1, wherein the organic modified layered silicate contains a compound selected from the group consisting of tetraalkylphosphonium compounds, triphenylphosphonium compounds, tetraphenylphosphonium compounds, and quaternary salts of nitrogen-containing heterocyclic compounds.

11. (previously presented): The film according to claim 1, wherein the organic modified layered silicate contains a tetraphenylphosphonium compound.

12. (previously presented): The film according to claim 1, wherein the organic modified layered silicate contains a quaternary salt of nitrogen-containing or heterocyclic compound.

Claim 13. (canceled).

14. (Currently amended): A gas barrier film comprising a film consisting of a polymer composition comprising a polymer having a glass transition temperature of 120°C to 400°C as a simple substance of the polymer and an organic modified layered silicate having a decomposition starting temperature of 250°C to 350°C,

wherein the polymer is selected from the group consisting of polycarbonates, cycloolefin polymers, polyalylates, polyether sulphones and olefin metathesis polymers,

the organic modified layered silicate is contained in the polymer and

an organic /inorganic hybrid layer wherein the organic/inorganic hybrid layer is formed on the film by the sol-gel method,

with the proviso that when the polymer is a polycarbonate, the organic modified layered silicate contains a tetraalkylphosphonium compound or a quaternary salt of a nitrogen-containing heterocyclic compound.

15. (original): The gas barrier film according to claim 14, which further has a film comprising a polymer on the organic/inorganic hybrid layer.

16. (previously presented): The gas barrier film according to claim 15, wherein the film comprising a polymer consists of a polymer composition comprising a polymer having a glass transition temperature of 120°C to 400°C as a simple substance of the polymer and an organic modified layered silicate having a decomposition starting temperature of 250°C to 350°C wherein the organic modified layered silicate is contained in the polymer.

17. (original): The gas barrier film according to claim 15, which shows a gaseous oxygen transmission rate of 10 ml/m²•day•atm or less at 23°C, 90% RH.

18. (previously presented): A substrate comprising the film according to claim 1.

19. (previously presented): An image display device comprising the film according to claim 1.

20. (previously presented): The image display device according to claim 19, wherein the device is an organic EL device.